

SYLLABUS FOR ONLINE TESTS

TEST-1

Physics : Motion in one Dimension

Chemistry : Atomic Structure

Mathematics : Rectangular Cartesian Co-ordinates, Locus & Straight lines.

TEST-2

Physics : Motion in Two & Three Dimension

Chemistry : Periodic Table & Hydrogen & Its Compounds

Mathematics : Pair of Straight lines.

TEST-3

Physics : Laws of Motion

Chemistry : Chemical Bonding

Mathematics : Sets, Relations & Functions.

TEST-4

Physics : Work Power & Energy

Chemistry : Stoichiometry

Mathematics : Limits, Continuity & Differentiability.

TEST-5

Physics : Centre of mass, Collisions, Law of Conservation of Linear Momentum.

Chemistry : General Organic Chemistry

Mathematics : Differential Coefficient & Tangents & Normals.

TEST-6

Physics : Rotational Motion & Moment of Inertia

Chemistry : Alkali Metals

Mathematics : Application of Derivatives, Increasing & Decreasing functions, Maxima & Minima, Rate measure mean value theorem.

TEST-7

Physics : Rotational Motion & Moment of Inertia

Chemistry : Alkaline Earth Metals, Noble Gases

Mathematics : Complex Numbers, Induction.

TEST-8

Physics : Gravitation.

Chemistry : Gaseous state, Environmental Chemistry

Mathematics : Trigonometry up to Trigonometric Transformations.

TEST-9

Physics : Solids & Fluids

Chemistry : Boran Family

Mathematics : Trigonometric Equations & Inverse Trigonometric Functions.

TEST-10

Physics : Heat & Thermodynamics, Transference of Heat

Chemistry : Carbon Family

Mathematics : Properties of Triangles, Heights & Distance.

TEST-11

Physics : Oscillations

Chemistry : Hydrocarbons

Mathematics : Vector Algebra & 3D Geometry.

TEST-12

Physics : Sounds

Chemistry : Solutions, V-A Nitrogen Family, Organic Compounds Containing Halogen.

Mathematics : Circles, System of Circles, Conic Sections.

TEST-13

Physics : Electrostatics

Chemistry : Thermochemistry, Co-ordinate Chemistry, Surface Chemistry, Hydroxy Compounds & Ethers

Mathematics : Indefinite Integrals, Definite Integrals, Areas.

TEST-14

Physics : Current Electricity

Chemistry : VI-A Family, Carbonyl Compounds Nuclear Chemistry, Chemical Kinetics.

Mathematics : Differential Equations, Sequences & Series (Exponential Logarithm Series).

TEST-15

Physics : Magnetic Effects of Current & Magnetism.

Chemistry : VII-A Family Carbonic Acids & Derivatives, Chemical & Ionic Equilibrium.

Mathematics : Permutations & Combinations, Matrices & Determinants.

TEST-16

Physics : Electromagnetic Induction & Alternating Currents

Chemistry : Organic Compounds Containing Nitrogen, Electrochemistry.

Mathematics : Quadratic Equations, Binomial Theorem.

TEST-17

Physics : Optics

Chemistry : Metallurgy, Biomolecules, Qualitative & Quantitative Analysis, Chemical in Action, Polymers.

Mathematics : Binomial Theorem, Statistics, Mathematical Logic Quadratic Equation.